



FORESTRY, FIRE & STATE LANDS REQUEST FOR PROPOSALS Cover Sheet



Project Title	Mercury Mass Balance in the Great Salt Lake		
Lead Project Sponsor	HydroQual, Inc.		
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Project Description / Abstract	<p>Concern over mercury levels in water fowl that use the Great Salt Lake has prompted considerable research to characterize Hg concentrations in various media as well as efforts to identify sources of Hg to the GSL. Knowledge of existing Hg sources and other processes (e.g., methylation, bioaccumulation) would be needed to understand how reduction in existing loads might affect the GSL in the future. The goal of the proposed research is to develop a mass balance of Hg loads to the Great Salt Lake to see if concentrations in the lake can be explained with existing datasets. This initial mass balance will begin to establish a basis for developing more complete conceptual models of Hg cycling in the GSL and is intended to identify possible data gaps or un-characterized sources and will provide a framework for guiding future research efforts. At the conclusion of this work it should be clear that either additional loads may be significant and will need to be characterized through monitoring or that enough is known about the current Hg sources to explain the observations in the Lake.</p>		
Project Funding	Amount Requested	Matching Funds	Total Project Cost
	\$ 70,500.00	\$	\$ 70,500.00